

Converting Colors

XYZ(65.1934, 64.0658, 70.0990)

Have a look what the booklet for
XYZ(65.1934, 64.0658, 70.0990)
contains.

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Color

**XYZ(64.9837, 63.8590,
69.8738)**

Conversions

Conversions Part 1

Format	Color
Hex	E4CBD2
RGB	228, 203, 210
RGB Percent	89%, 80%, 82%
CMY	0.1059, 0.2039, 0.1765
CMYK	0.00, 0.11, 0.08, 0.11
HSL	343°, 32%, 85%
HSV	343°, 11%, 89%
XYZ	64.9837, 63.8590, 69.8738
YIQ	211.2730, 12.6530, 7.4770

Conversions

Conversions Part 2

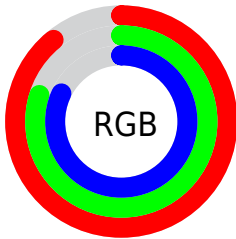
Format	Color
R _Y B	228, 203, 210
Decimal	14994386
CIE Lab	83.89, 9.91, -0.28
CIE LCh	84, 9.913, 358.369
Yxy	63.8590, 0.3270, 0.3214
Android (android.graphics.Color)	4293184466 (0xFFE4CBD2)
YUV	211.2730, -0.6276, 14.6696
Hunter-Lab	79.9118, 5.3092, 4.0959

Details

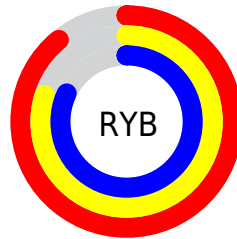
The XYZ color **64.9837, 63.8590, 69.8738** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.4256, 73.4054, 79.1305**, and the grayscale version is **62.0970, 65.3309, 71.1453**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.7615, 32.6658, 35.9782** is the 20% darker color. If you saturate the color by 10%, you get **58.0488, 53.0960, 57.9827**, and if you desaturate by 10%, it is **72.9239, 76.2952, 83.1370**.

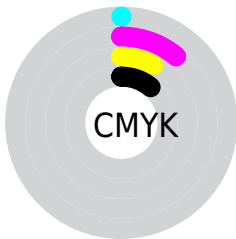
Distribution



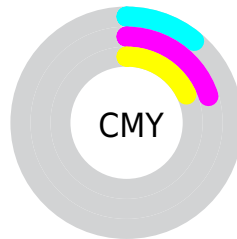
- Red (89%)
- Green (80%)
- Blue (82%)



- Red (89%)
- Yellow (80%)
- Blue (82%)



- Cyan (0%)
- Magenta (11%)
- Yellow (8%)
- Black (11%)



- Cyan (11%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.9837, 63.8590, 69.8738 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 64.9837, 63.8590, 69.8738 by changing the saturation by 10% instead.

64.9837, 63.8590,
69.8738

64.9837, 63.8590,
69.8738

432.2795,
438.6803, 478.8839

47.7125, 46.5365,
50.9475

111.0923,
110.4078, 120.7082

33.8096, 32.6694,
35.7904

140.6603,
140.4030, 153.4534

22.9095, 21.8733,
23.9839

175.0581,
175.3911, 191.6419

14.6471, 13.7638,
15.1096

214.6509,
215.7566, 235.6923

8.6568, 7.9566,
8.7489

259.8041,
261.8838, 286.0232

4.5733, 4.0672,
4.4832

310.8830,

2.0313, 1.7112,

314.1573, 343.0531

1.8940

368.2530,
372.9613, 407.2005

■ 0.6515, 0.4309,
0.4889

■ 0.0000, 0.0000,
0.0000

■ 64.9837, 63.8590,
69.8738

■ 64.9837, 63.8590,
69.8738

■ 58.0488, 53.0960,
57.9827

■ 72.9239, 76.2952,
83.1370

■ 52.0731, 43.9263,
47.4149

■ 81.9025, 90.4633,
97.8108

■ 47.0148, 36.2764,
38.1248

■ 85.8052, 95.2342,
108.4674

■ 42.8270, 30.0631,
30.0623

■ 39.4583, 25.1958,
23.1741

■ 36.8517, 21.5731,
17.4024

■ 34.9427, 19.0790,
12.6844

■ 33.6549, 17.5755,
8.9496

■ 32.9154, 16.8622,
6.3428

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.3359, 63.8590, 76.0200



64.9837, 63.8590, 69.8738



64.4600, 63.8590, 63.9815

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.9837, 63.8590, 69.8738



58.7259, 63.8590, 59.4934



58.5240, 63.8590, 80.2632

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



64.9837, 63.8590, 69.8738



65.4256, 73.4054, 79.1305

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



57.0816, 63.8590, 75.3937



64.9837, 63.8590, 69.8738



57.1962, 63.8590, 63.4233

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.9837, 63.8590, 69.8738



60.8154, 63.8590, 58.2077



56.6013, 63.8590, 69.1905



60.5768, 63.8590, 82.2365

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.9837, 63.8590, 69.8738



63.5238, 63.8590, 60.9383



56.6013, 63.8590, 69.1905



57.9535, 63.8590, 78.8970

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



64.9855, 63.8618, 69.8752



91.7835, 94.8660, 103.4982



65.1551, 63.6754, 82.2561



19.4630, 20.0189, 21.8498



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.9855, 63.8618, 69.8752



81.7634, 79.1997, 86.6740



65.4341, 66.1236, 65.8177



14.5420, 14.4340, 15.7883



19.0499, 9.7542, 3.8918



1.4464, 0.7363, 0.4912

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



64.9855, 63.8618, 69.8752



81.7634, 79.1997, 86.6740



64.9108, 70.8528, 83.6544



14.5420, 14.4340, 15.7883



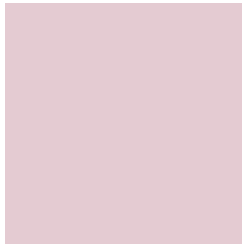
19.0499, 9.7542, 3.8918



1.4464, 0.7363, 0.4912

Previews

White Background



This preview shows how the XYZ color 64.9837, 63.8590, 69.8738 looks on a white background.

Color Contrast Check

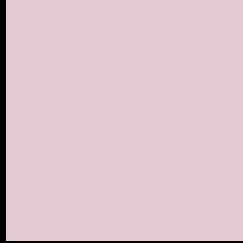
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 64.9837, 63.8590, 69.8738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

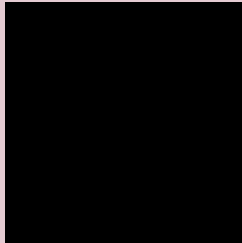
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.9837, 63.8590, 69.8738

Background



This preview shows how black text looks on a background with the XYZ color 64.9837, 63.8590, 69.8738.



This preview shows how white text looks on a background with the XYZ color 64.9837, 63.8590,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

64.9837, 63.8590, 69.8738

Protanopia

61.7175, 63.9129, 72.0344

Deuteranopia

65.3019, 64.0230, 69.8887



Tritanopia

66.0885, 63.9610, 75.1921

Trichromacy



Original Color

64.9837, 63.8590, 69.8738

Protanomaly

62.8684, 63.8015, 71.2888

Deuteranomaly

65.3019, 64.0230, 69.8887

Tritanomaly

65.6994, 63.8054, 73.1429

Monochromacy



Original Color

64.9837, 63.8590, 69.8738

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.9290, 64.5666, 70.7739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9837, 63.8590, 69.8738 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(228, 203, 210) looks like.

```
.text, #text, p{  
    color:rgb(228, 203, 210)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(228, 203, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 203, 210) }
```

Border

The CSS property to change the border of an element to XYZ 64.9837, 63.8590, 69.8738 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(228, 203, 210) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(228, 203, 210) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(228, 203, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 203, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 203, 210);  
box-shadow:4px 4px 4px 4px rgb(228, 203,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9837, 63.8590, 69.8738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 203, 210) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(228,  
203, 210) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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